

KDCA

Ronald Reagan Airport

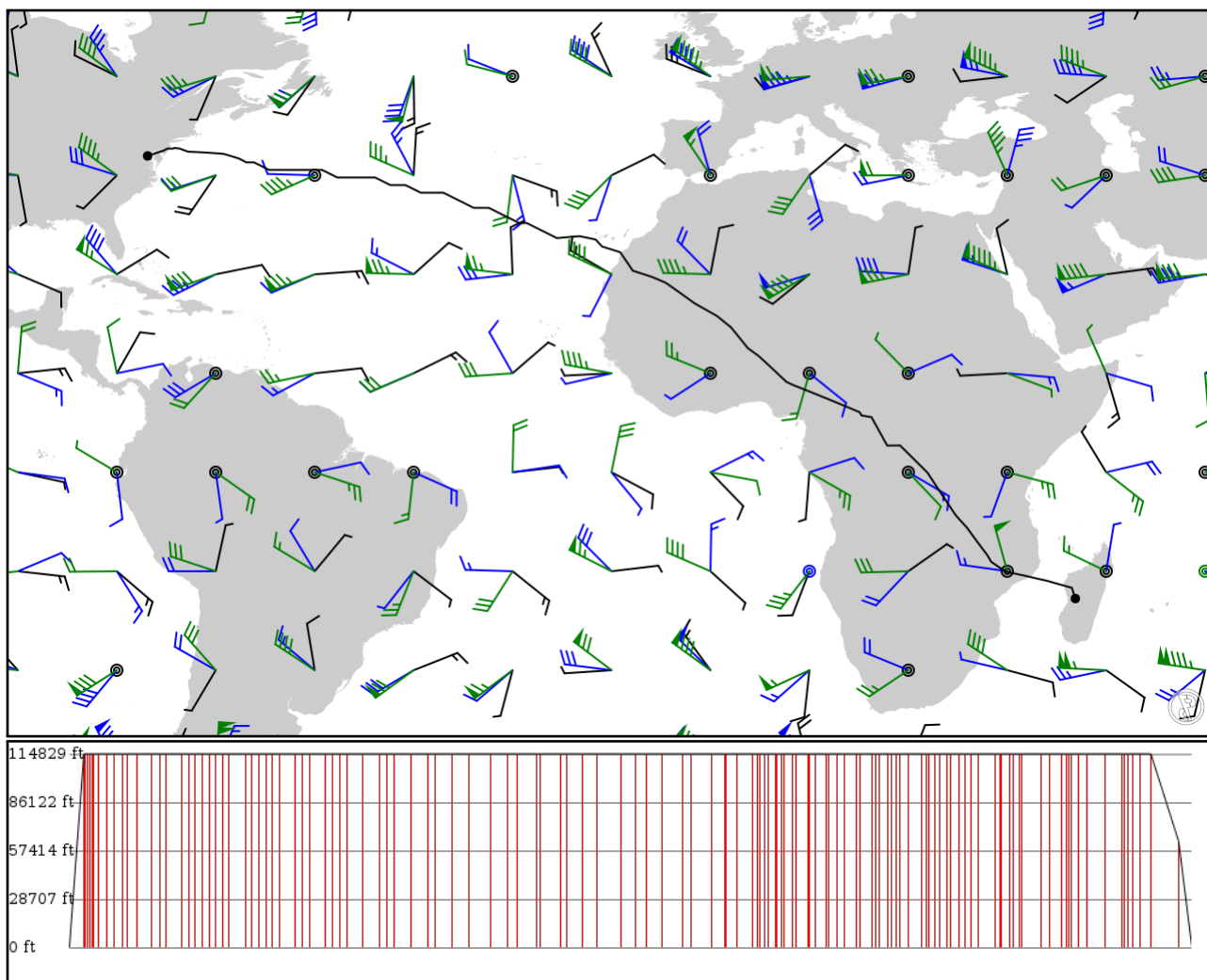
FMMN

MIANDRIVAZO

2024/06/04 0053Z

KDCA VCN **V16** CYN **V312** DRIFT **J121** MANTA **N15B** KENDA **N7A** SLATN MUNY 3800N0-6400W 3800N0-6300W
3700N0-6100W 3700N0-6000W 3700N0-5900W 3700N0-5800W 3700N0-5700W 3700N0-5600W 3700N0-5500W
3700N0-5400W 3600N0-5200W 3600N0-5100W 3600N0-5000W 3600N0-4900W 3600N0-4800W 3600N0-4700W
3500N0-4500W 3500N0-4400W 3500N0-4300W 3400N0-4100W 3400N0-4000W 3400N0-3900W 3400N0-3800W
3300N0-3600W 3200N0-3400W 3200N0-3300W 3200N0-3200W 3100N0-3000W 3000N0-2800W 3000N0-2700W
2900N0-2500W 2800N0-2300W ROSTA **UY611** CABOJ **UG851** ARENA **G851** MIYEC **UT365** BAKAB **R981** DERON **UR981**
NY **UT365** ODMAP **UL684** ABC **UT475** KIBLO KORIL **A609** MPK MPK TEKTI **UA607** EGAKI **UT143** GUROT 62KGI **UR984**
GATSA GAMEX **UR984** DVL **UR410** TETEM EPNOM **UA400** TIDAL FMMN

7982.29 nm / 14783.20 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min

- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KDCA APT	-	38.85140 -77.03770	0 ft 0 m	-	Ronald Reagan Airport
VCN VOR	-	39.53770 -74.96710	35,000 ft 10,668 m	104	CEDAR LAKE (MILLVILLE)
LEBVE FIX	V16 AWY-LO	39.65690 -74.73980	35,000 ft 10,668 m	12	-
CYN VOR	V16 AWY-LO	39.81730 -74.43160	35,000 ft 10,668 m	17	COYLE
JIMEE FIX	V312 AWY-LO	39.81700 -74.15380	35,000 ft 10,668 m	12	-
FALON FIX	V312 AWY-LO	39.81690 -74.11050	35,000 ft 10,668 m	1	-
WINKK FIX	V312 AWY-LO	39.81660 -74.01290	35,000 ft 10,668 m	4	-
DRIFT FIX	V312 AWY-LO	39.81490 -73.68040	35,000 ft 10,668 m	15	-
MANTA FIX	J121 AWY-HI	39.90190 -73.54210	35,000 ft 10,668 m	8	-
OWENZ FIX	N15B AWY-HI	39.82340 -72.83050	35,000 ft 10,668 m	33	-
LINND FIX	N15B AWY-HI	39.40980 -71.71050	35,000 ft 10,668 m	57	-
KENDA FIX	N15B AWY-HI	39.35300 -70.49950	35,000 ft 10,668 m	56	-
LARGE FIX	N7A AWY-HI	39.28530 -69.30120	35,000 ft 10,668 m	55	-
PENYT FIX	N7A AWY-HI	39.23110 -68.49940	35,000 ft 10,668 m	37	-
SLATN FIX	N7A AWY-HI	39.11670 -67.00000	35,000 ft 10,668 m	70	-
MUNEY FIX	- -	38.50000 -64.96440	35,000 ft 10,668 m	102	-
3800N0-6400W LATLON	- -	38.00000 -64.00000	35,000 ft 10,668 m	54	-
3800N0-6300W LATLON	- -	38.00000 -63.00000	35,000 ft 10,668 m	47	-
3700N0-6100W LATLON	- -	37.00000 -61.00000	35,000 ft 10,668 m	112	-
3700N0-6000W LATLON	- -	37.00000 -60.00000	35,000 ft 10,668 m	47	-
3700N0-5900W LATLON	- -	37.00000 -59.00000	35,000 ft 10,668 m	47	-
3700N0-5800W LATLON	- -	37.00000 -58.00000	35,000 ft 10,668 m	47	-
3700N0-5700W LATLON	- -	37.00000 -57.00000	35,000 ft 10,668 m	47	-
3700N0-5600W LATLON	- -	37.00000 -56.00000	35,000 ft 10,668 m	47	-
3700N0-5500W LATLON	- -	37.00000 -55.00000	35,000 ft 10,668 m	47	-
3700N0-5400W LATLON	- -	37.00000 -54.00000	35,000 ft 10,668 m	47	-
3600N0-5200W	-	36.00000	35,000 ft	113	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-52.00000	10,668 m		
3600N0-5100W	-	36.00000	35,000 ft	48	-
LATLON	-	-51.00000	10,668 m		
3600N0-5000W	-	36.00000	35,000 ft	48	-
LATLON	-	-50.00000	10,668 m		
3600N0-4900W	-	36.00000	35,000 ft	48	-
LATLON	-	-49.00000	10,668 m		
3600N0-4800W	-	36.00000	35,000 ft	48	-
LATLON	-	-48.00000	10,668 m		
3600N0-4700W	-	36.00000	35,000 ft	48	-
LATLON	-	-47.00000	10,668 m		
3500N0-4500W	-	35.00000	35,000 ft	114	-
LATLON	-	-45.00000	10,668 m		
3500N0-4400W	-	35.00000	35,000 ft	49	-
LATLON	-	-44.00000	10,668 m		
3500N0-4300W	-	35.00000	35,000 ft	49	-
LATLON	-	-43.00000	10,668 m		
3400N0-4100W	-	34.00000	35,000 ft	115	-
LATLON	-	-41.00000	10,668 m		
3400N0-4000W	-	34.00000	35,000 ft	49	-
LATLON	-	-40.00000	10,668 m		
3400N0-3900W	-	34.00000	35,000 ft	49	-
LATLON	-	-39.00000	10,668 m		
3400N0-3800W	-	34.00000	35,000 ft	49	-
LATLON	-	-38.00000	10,668 m		
3300N0-3600W	-	33.00000	35,000 ft	116	-
LATLON	-	-36.00000	10,668 m		
3200N0-3400W	-	32.00000	35,000 ft	117	-
LATLON	-	-34.00000	10,668 m		
3200N0-3300W	-	32.00000	35,000 ft	50	-
LATLON	-	-33.00000	10,668 m		
3200N0-3200W	-	32.00000	35,000 ft	50	-
LATLON	-	-32.00000	10,668 m		
3100N0-3000W	-	31.00000	35,000 ft	118	-
LATLON	-	-30.00000	10,668 m		
3000N0-2800W	-	30.00000	35,000 ft	119	-
LATLON	-	-28.00000	10,668 m		
3000N0-2700W	-	30.00000	35,000 ft	52	-
LATLON	-	-27.00000	10,668 m		
2900N0-2500W	-	29.00000	35,000 ft	120	-
LATLON	-	-25.00000	10,668 m		
2800N0-2300W	-	28.00000	35,000 ft	121	-
LATLON	-	-23.00000	10,668 m		
ROSTA	-	28.25610	35,000 ft	159	-
FIX	-	-20.00000	10,668 m		
HIE	UY611	27.81620	35,000 ft	115	EL HIERRO
NDB	AWY-HI	-17.88640	10,668 m		
VIDRI	UY611	26.89460	35,000 ft	71	-
FIX	AWY-HI	-17.03990	10,668 m		
CABOJ	UY611	26.13890	35,000 ft	136	-
FIX	AWY-HI	-14.64390	10,668 m		
ARENA	UG851	25.72810	35,000 ft	29	-
FIX	AWY-HI	-14.35860	10,668 m		
MIYEC	G851	23.70000	35,000 ft	143	-
FIX	AWY-LO	-12.98330	10,668 m		
OSVOR	UT365	23.45510	35,000 ft	45	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-12.20700	10,668 m		
SADKA	UT365	22.87830	35,000 ft	103	-
FIX	AWY-HI	-10.43520	10,668 m		
POVAS	UT365	22.12890	35,000 ft	107	-
FIX	AWY-HI	-8.66944	10,668 m		
UNAGA	UT365	20.40260	35,000 ft	172	-
FIX	AWY-HI	-6.21422	10,668 m		
SOLMA	UT365	19.38420	35,000 ft	99	-
FIX	AWY-HI	-4.81389	10,668 m		
ODATA	UT365	18.70650	35,000 ft	80	-
FIX	AWY-HI	-3.59523	10,668 m		
LUKNA	UT365	17.73470	35,000 ft	113	-
FIX	AWY-HI	-1.88833	10,668 m		
BAKAB	UT365	16.23790	35,000 ft	139	-
FIX	AWY-HI	-0.02651	10,668 m		
DERON	R981	15.45140	35,000 ft	60	-
FIX	AWY-LO	0.61861	10,668 m		
NY	UR981	13.48330	35,000 ft	149	NIAMEY
VOR	AWY-HI	2.20639	10,668 m		
EKDOM	UT365	12.58000	35,000 ft	90	-
FIX	AWY-HI	3.45438	10,668 m		
ODMAP	UT365	12.45170	35,000 ft	12	-
FIX	AWY-HI	3.63056	10,668 m		
SEROL	UL684	11.59780	35,000 ft	75	-
FIX	AWY-HI	4.56677	10,668 m		
LISOX	UL684	10.33000	35,000 ft	110	-
FIX	AWY-HI	5.92107	10,668 m		
EBUGA	UL684	9.92593	35,000 ft	35	-
FIX	AWY-HI	6.34929	10,668 m		
PODLI	UL684	9.70019	35,000 ft	19	-
FIX	AWY-HI	6.58784	10,668 m		
IKONO	UL684	9.29844	35,000 ft	35	-
FIX	AWY-HI	7.03055	10,668 m		
ABC	UL684	9.03781	35,000 ft	21	ABUJA
VOR	AWY-HI	7.28511	10,668 m		
EPEGI	UT475	8.64500	35,000 ft	54	-
FIX	AWY-HI	8.11833	10,668 m		
NUSAK	UT475	8.58333	35,000 ft	9	-
FIX	AWY-HI	8.27333	10,668 m		
MOVIX	UT475	8.37500	35,000 ft	33	-
FIX	AWY-HI	8.80000	10,668 m		
KEVTA	UT475	8.28333	35,000 ft	14	-
FIX	AWY-HI	9.03000	10,668 m		
OPDAN	UT475	7.91500	35,000 ft	59	-
FIX	AWY-HI	9.95167	10,668 m		
AMGIS	UT475	7.74167	35,000 ft	27	-
FIX	AWY-HI	10.38330	10,668 m		
ULNEV	UT475	7.18667	35,000 ft	88	-
FIX	AWY-HI	11.75500	10,668 m		
GADUV	UT475	7.15833	35,000 ft	4	-
FIX	AWY-HI	11.82830	10,668 m		
BIRIX	UT475	6.86333	35,000 ft	46	-
FIX	AWY-HI	12.55140	10,668 m		
AREKA	UT475	6.38417	35,000 ft	75	-
FIX	AWY-HI	13.71890	10,668 m		
BONRI	UT475	6.26944	35,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	13.99640	10,668 m		
EPONA	UT475	5.92139	35,000 ft	54	-
FIX	AWY-HI	14.83750	10,668 m		
TASOM	UT475	5.58000	35,000 ft	53	-
FIX	AWY-HI	15.65830	10,668 m		
KIBLO	UT475	5.03417	35,000 ft	84	-
FIX	AWY-HI	16.96310	10,668 m		
KORIL	-	4.59750	35,000 ft	30	-
FIX	-	17.20860	10,668 m		
MPK	A609	4.37825	35,000 ft	79	BANGUI
VOR	AWY-LO	18.52480	10,668 m		
MPK	-	4.37614	35,000 ft	0	BANGUI M POKO VOR-DME
DME	-	18.52540	10,668 m		
TEKTI	-	4.00000	35,000 ft	25	-
FIX	-	18.73670	10,668 m		
VOLDA	UA607	3.51333	35,000 ft	33	-
FIX	AWY-HI	19.00670	10,668 m		
TUSOX	UA607	2.64333	35,000 ft	59	-
FIX	AWY-HI	19.49170	10,668 m		
SEVIT	UA607	2.27000	35,000 ft	25	-
FIX	AWY-HI	19.70000	10,668 m		
SOLPA	UA607	1.82167	35,000 ft	30	-
FIX	AWY-HI	19.94830	10,668 m		
BIRAN	UA607	1.42500	35,000 ft	27	-
FIX	AWY-HI	20.16830	10,668 m		
EGAKI	UA607	0.62333	35,000 ft	55	-
FIX	AWY-HI	20.61330	10,668 m		
GUR0T	UT143	0.64399	35,000 ft	101	-
FIX	AWY-HI	22.30680	10,668 m		
62KGI	-	0.32500	35,000 ft	27	-
FIX	-	22.62500	10,668 m		
EDLAM	UR984	0.09667	35,000 ft	19	-
FIX	AWY-HI	22.85500	10,668 m		
GATSA	UR984	-0.45167	35,000 ft	46	-
FIX	AWY-HI	23.41000	10,668 m		
GAMEX	-	-0.85333	35,000 ft	34	-
FIX	-	23.81500	10,668 m		
AMGES	UR984	-1.43000	35,000 ft	49	-
FIX	AWY-HI	24.39670	10,668 m		
BUROL	UR984	-1.75167	35,000 ft	27	-
FIX	AWY-HI	24.72170	10,668 m		
NELAX	UR984	-2.39690	35,000 ft	55	-
FIX	AWY-HI	25.37500	10,668 m		
KIN	UR984	-2.91667	35,000 ft	44	KINDU
VOR	AWY-HI	25.90000	10,668 m		
OKEXU	UR984	-3.55271	35,000 ft	45	-
FIX	AWY-HI	26.32210	10,668 m		
PONAL	UR984	-4.29833	35,000 ft	53	-
FIX	AWY-HI	26.81000	10,668 m		
DILMA	UR984	-5.93167	35,000 ft	117	-
FIX	AWY-HI	27.89000	10,668 m		
MOMAX	UR984	-6.45500	35,000 ft	37	-
FIX	AWY-HI	28.24000	10,668 m		
KMI69	UR984	-6.58000	35,000 ft	8	-
FIX	AWY-HI	28.32170	10,668 m		
LIKAL	UR984	-7.31667	35,000 ft	53	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	28.81330	10,668 m		
MELAM	UR984	-7.76500	35,000 ft	32	-
FIX	AWY-HI	29.11330	10,668 m		
ETUTI	UR984	-8.31517	35,000 ft	39	-
FIX	AWY-HI	29.48320	10,668 m		
KENOT	UR984	-8.58000	35,000 ft	19	-
FIX	AWY-HI	29.66170	10,668 m		
KS	UR984	-10.21500	35,000 ft	131	KASAMA
NDB	AWY-HI	31.14330	10,668 m		
APGEL	UR984	-11.09490	35,000 ft	64	-
FIX	AWY-HI	31.78330	10,668 m		
ETOLI	UR984	-12.19170	35,000 ft	81	-
FIX	AWY-HI	32.58830	10,668 m		
TIBAK	UR984	-12.73330	35,000 ft	40	-
FIX	AWY-HI	32.99030	10,668 m		
CTA10	UR984	-12.87220	35,000 ft	10	-
FIX	AWY-HI	33.09170	10,668 m		
TMA53	UR984	-13.13890	35,000 ft	20	-
FIX	AWY-HI	33.30000	10,668 m		
DVL	UR984	-13.81110	35,000 ft	50	LILONGWE
VOR	AWY-HI	33.80780	10,668 m		
TETEM	UR410	-14.71720	35,000 ft	62	-
FIX	AWY-HI	34.34440	10,668 m		
EPNOM	-	-15.98500	35,000 ft	131	-
FIX	-	36.20000	10,668 m		
EVIMA	UA400	-16.41330	35,000 ft	115	-
FIX	AWY-HI	38.14500	10,668 m		
ESRAK	UA400	-16.48500	35,000 ft	20	-
FIX	AWY-HI	38.50000	10,668 m		
UVUKI	UA400	-16.57330	35,000 ft	22	-
FIX	AWY-HI	38.88170	10,668 m		
OKTIX	UA400	-16.72330	35,000 ft	37	-
FIX	AWY-HI	39.51500	10,668 m		
ESTIX	UA400	-16.91830	35,000 ft	50	-
FIX	AWY-HI	40.36330	10,668 m		
GADNO	UA400	-17.21670	35,000 ft	78	-
FIX	AWY-HI	41.70000	10,668 m		
TIDAL	UA400	-18.13690	19,200 ft	195	-
FIX	AWY-HI	44.98280	5,852 m		
FMMN	-	-19.56280	0 ft	89	MIANDRIVAZO
APT	-	45.45090	0 m		

KDCA

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 15 ft / 5 m
Location: 38.851400 -77.037700
Magnetic Var: 10.880 W

METAR

KDCA 032352Z 05003KT 10SM FEW065 SCT110 28/17 A2990 RMK A02 SLP123 T02780172 10300 20272 53002

TAF

TAF KDCA 032340Z 0400/0506 36005KT P6SM FEW060 SCT110 FM040400 03004KT P6SM FEW200 FM040900 00000KT P6SM SCT200 FM041200 00000KT P6SM SCT200

Frequencies

REC - 132.65 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.25 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - WASHINGTON GROUND
TWR - 119.10 MHz - WASHINGTON TOWER	TWR - 134.35 MHz - WASHINGTON TOWER
APP - 119.85 MHz - POTOMAC APPROACH	APP - 124.20 MHz - POTOMAC APPROACH
APP - 124.70 MHz - POTOMAC APPROACH	DEP - 118.95 MHz - POTOMAC DEPARTURE
DEP - 125.65 MHz - POTOMAC DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	7,183 ft	355.53	ASPHALT	0 ft	200 ft
	46 m	2,190 m	6.41		0 m	61 m
19	151 ft	7,183 ft	175.53	ASPHALT	0 ft	197 ft
	46 m	2,190 m	186.41		0 m	60 m
15	151 ft	5,205 ft	142.76	ASPHALT	0 ft	413 ft
	46 m	1,587 m	153.64		0 m	126 m
33	151 ft	5,205 ft	322.77	ASPHALT	0 ft	180 ft
	46 m	1,587 m	333.65		0 m	55 m
04	151 ft	5,009 ft	25.45	ASPHALT	203 ft	0 ft
	46 m	1,527 m	36.33		62 m	0 m
22	151 ft	5,009 ft	205.46	ASPHALT	0 ft	381 ft
	46 m	1,527 m	216.34		0 m	116 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IDCA	109.90 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
19	DME	IVWH	108.50 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
01	LOC-ILS	IDCA	109.90 MHz	18 nm	355.51	-	15 ft
				33 km	6.39		15 m
01	GS	IDCA	109.90 MHz	10 nm	355.51	3.00	15 ft
				19 km	6.39		15 m